

Title (en)

IMAGE PROCESSING METHOD, COMPUTER READABLE STORAGE MEDIUM, AND ELECTRONIC DEVICE

Title (de)

BILDVERARBEITUNGSVERFAHREN, COMPUTERLESBARES SPEICHERMEDIUM UND ELEKTRONISCHE VORRICHTUNG

Title (fr)

PROCÉDÉ DE TRAITEMENT D'IMAGE, SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR ET DISPOSITIF ÉLECTRONIQUE

Publication

**EP 3783564 A4 20210609 (EN)**

Application

**EP 19815682 A 20190520**

Priority

- CN 201810590031 A 20180608
- CN 2019087585 W 20190520

Abstract (en)

[origin: US2021004952A1] A method for image processing includes the following. Edge pixel points in the image to be processed are determined by performing edge detection on the image to be processed. The number of the edge pixel points in the image to be processed is determined as a first pixel number. Determine that a moire pattern exists in the image to be processed when the first pixel number is larger than a first number threshold.

IPC 8 full level

**G06T 7/00** (2017.01); **G06T 7/13** (2017.01); **G06V 10/30** (2022.01)

CPC (source: CN EP US)

**G06F 18/23** (2023.01 - US); **G06F 18/241** (2023.01 - US); **G06T 7/0002** (2013.01 - CN EP US); **G06T 7/13** (2016.12 - CN EP US); **G06V 10/273** (2022.01 - EP US); **G06V 10/30** (2022.01 - EP US); **G06V 10/443** (2022.01 - EP US); **G06T 2207/10004** (2013.01 - CN); **G06T 2207/10024** (2013.01 - EP US); **G06T 2207/30168** (2013.01 - CN EP US)

Citation (search report)

- [X] CN 103123691 A 20130529 - BEIJING BAIDU NETCOM SCI & TEC
- [A] US 2018059275 A1 20180301 - BANDURA LAURA L [US], et al
- [A] PATEL KEYURKUMAR ET AL: "Live face video vs. spoof face video: Use of moiré patterns to detect replay video attacks", 2015 INTERNATIONAL CONFERENCE ON BIOMETRICS (ICB), IEEE, 19 May 2015 (2015-05-19), pages 98 - 105, XP033166113, DOI: 10.1109/ICB.2015.7139082
- See references of WO 2019233264A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 11430103 B2 20220830**; **US 2021004952 A1 20210107**; CN 108921823 A 20181130; CN 108921823 B 20201201; EP 3783564 A1 20210224; EP 3783564 A4 20210609; WO 2019233264 A1 20191212

DOCDB simple family (application)

**US 202017026220 A 20200919**; CN 201810590031 A 20180608; CN 2019087585 W 20190520; EP 19815682 A 20190520